## CURRICULUM VITAE

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Date of Birth:	September 4, 1964
Place of Birth:	Tokyo, Japan

## Education:

1997

2003

1989	M.D.	Keio University School of Medicine
2001	DMSc	Keio University

## Professional Training and Employment:

	1989-1992	Resident in Radiology, Keio University Hospital
	1992-1995	Medical Staff in Radiology, Hiratsuka City Hospital
	1995-1997	Instructor, Department of Diagnostic Radiology,
		Keio University Hospital
	1997-1999	Research fellow in Department of Radiology,
		Brigham and Women's Hospital, Boston
	1999-2004	Clinical Instructor, Department of Diagnostic Radiology,
		Keio University Hospital
	2004-2008	Assistant Professor, Department of Diagnostic Radiology,
		Keio University School of Medicine
	2008-2015	Senior Assistant Professor, Department of Diagnostic Radiology,
		Keio University School of Medicine
	2015-present	Associate Professor, Department of Diagnostic Radiology,
		Keio School of Medicine
Licensure and Certification:		
	1989	Japanese License Registration No.325141
	1995	Japanese Board of Radiology
Membership (International)		
	1995	Radiological Society of North America

International Society for Magnetic Resonance in Medicine

Society for Cardiovascular Magnetic Resonance

## Selected Papers

- 1. Okuda S\*, Kikinis R, Geva T, et al. 3D-shaded surface rendering of gadolinium-enhanced MR angiography in congenital heart disease. Pediatr Radiol 2000; 30: 540-5.
- 2. Okuda S\*, Kuroda K, Oshio K, et al.MR-based temperature monitoring for hot saline injection therapy. J Magn Reson Imaging 2000; 12; 330-8.
- 3. <u>Okuda S\*</u>, Kuroda K, Kainuma O, et al. Accuracy of MR temperature measurement based on chemical shift change for radiofrequency ablation using hook-shaped electrodes. Ma gn Reson Med Sci 2004; 15: 95-100.
- Tanimoto A, Wakabayashi G, <u>Okuda S</u>, et al. Superparamagnetic iron oxide-enhanced MR imaging for focal hepatic lesions: a comparison with CT during arterioportography plus CT during hepatic arteriography. J Gastroenterol 2005; 40: 371-380.
- 5. Okuda S\*, Tanimoto A, Satoh T, et al. Evaluation of ischemic heart disease on a 1.5 Tesla scanner: combined first-pass perfusion and viability study. Radiat Med 2005; 23: 230-5.
- Okuda S\*, Oshio K, Shinmoto H, et al. Semiquantitative assessment of MR imaging in prediction of efficacy of gonadotropin-releasing hormone agonist for volume reduction of uterine leiomyoma: initial experience. Radiology. 2008; 248: 917-24.
- Kitagawa K, Sakuma H, <u>Okuda S</u>, et al. Diagnostic accuracy of stress myocardial perfusion MRI and late gadolinium-enhanced MRI for detecting flow-limiting coronary artery disease: a multicenter study. Eur Radiol. 2008; 18: 2808-16.
- 8. Shinmoto H, Oshio K, <u>Okuda S</u>, et al. Biexponential apparent diffusion coefficients in prostate cancer. Magn Reson Imaging. Magn Reson Imaging. 2009; 27: 355-9.
- 9. Morikawa T, Murata M, <u>Okuda S</u>, et al. Quantitative analysis of right ventricular function in patients with pulmonary hypertension using three-dimensional echocardiography and a two-dimensional summation method compared to magnetic resonance imaging. Am J Cardiol. 2011; 107: 484-9.
- 10. <u>Okuda S\*</u>, Oshio K, Asada H, et al. Reduction in the vascular bed volume of uterine fibroids after hormonal treatment: evaluation with dynamic double-echo  $R_2^*$  imaging. Magn Reson Med Sci. 2012;11:283-9.
- 11. Yamada Y, <u>Okuda S</u>\*, Kataoka M, et al. Prognostic value of cardiac magnetic resonance imaging for idiopathic pulmonary arterial hypertension before initiating intravenous prostacyclin therapy. Circ J. 2012; 76:1737-43.
- 12. Nagai T, Kohsaka S, <u>Okuda S</u>, et al. Significance of electrocardiographic right ventricular hypertrophy in patients with pulmonary hypertension with or without right ventricular systolic dysfunction. Intern Med. 2012;51:2277-83.
- 13. Konoura C, Yagi T, <u>Okuda S</u>, et al.Numerical analysis of blood flow distribution in 4- and 3-branch vascular grafts. J Artif Organs. 2013; 16:157-63.
- 14. Nagai T, Kohsaka S, <u>Okuda S</u>, et al. Incidence and Prognostic Significance of Myocardial Late Gadolinium-Enhancement in Sarcoidosis Patients without Cardiac Manifestation. Chest. 2014; 146: 1064-72.
- 15. Ueno A, Masugi Y, <u>Okuda S</u>, et al. OATP1B3 expression is strongly associated with Wnt/β-catenin signalling and represents the transporter of gadoxetic acid in hepatocellular carcinoma. J Hepatol. 2014; 61: 1080-7.
- 16. Nogami Y, <u>Okuda S</u>, Aoki D.et al. The efficacy of preoperative positron emission tomography-computed tomography (PET-CT) for detection of lymph node metastasis in cervical and endometrial cancer: clinical and pathological factors influencing it. Jpn J Clin Oncol. 2015; 45: 26-34.
- 17. Oshio K, <u>Okuda S</u>, Shinmoto H. Removing Ambiguity of T2 Shine-through Using Weighted Diffusion Subtraction. Magn Reson Med Sci 2016;15:146-8..
- Okuda S\*, Yamada Y, Lai P. et al. Three-dimensional cardiac cine imaging using the kat ARC acceleration: Initial experience in clinical adult patients at 3T. Magn Reson Imaging. Magnetic Resonance Imaging 2015; 33: 911-917.
- 19. Sadahiro T, Kohsaka S, <u>Okuda S</u>, et al. MRI and serum high-sensitivity C reactive protein predict long-term mortality in non-ischaemic cardiomyopathy. Open Heart. 2015;2:e000298.
- 20. Akita K, Maekawa Y, <u>Okuda S</u>, et al. "Moving left ventricular obstruction" due to stress cardiomyopathy in a patient with hypertrophic obstructive cardiomyopathy treated with percutaneous transluminal septal myocardial ablation. Int J Cardiol. 2016;202:194-5.
- Naganuma M, <u>Okuda S</u>, Hisamatsu T, et al. Findings of ulceration and severe stricture on MRE can predict prognosis of Crohn's disease in patients treated with anti-TNF treatment. Abdom Radiol (NY). 2016 Aug 23. [Epub ahead of print]